

Transitioning to data.census.gov

KaNin Reese

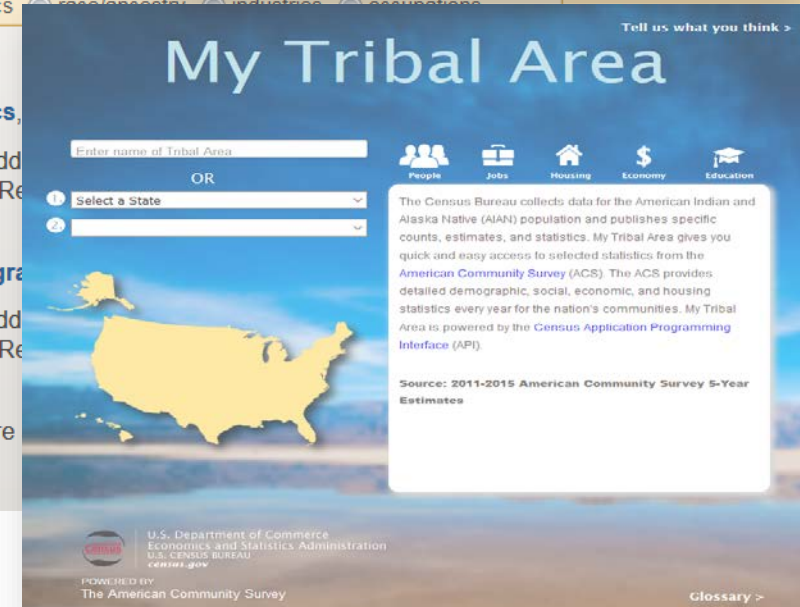
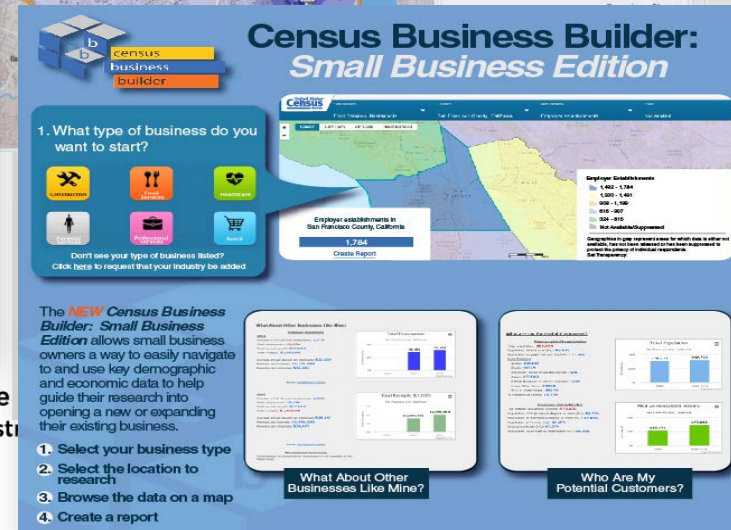
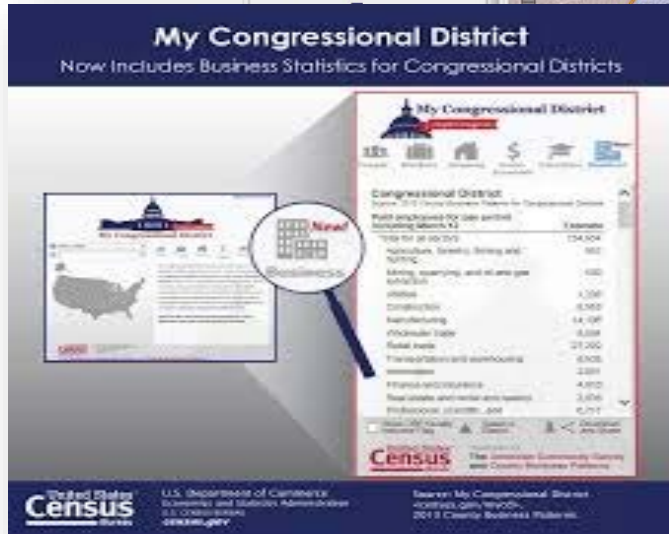
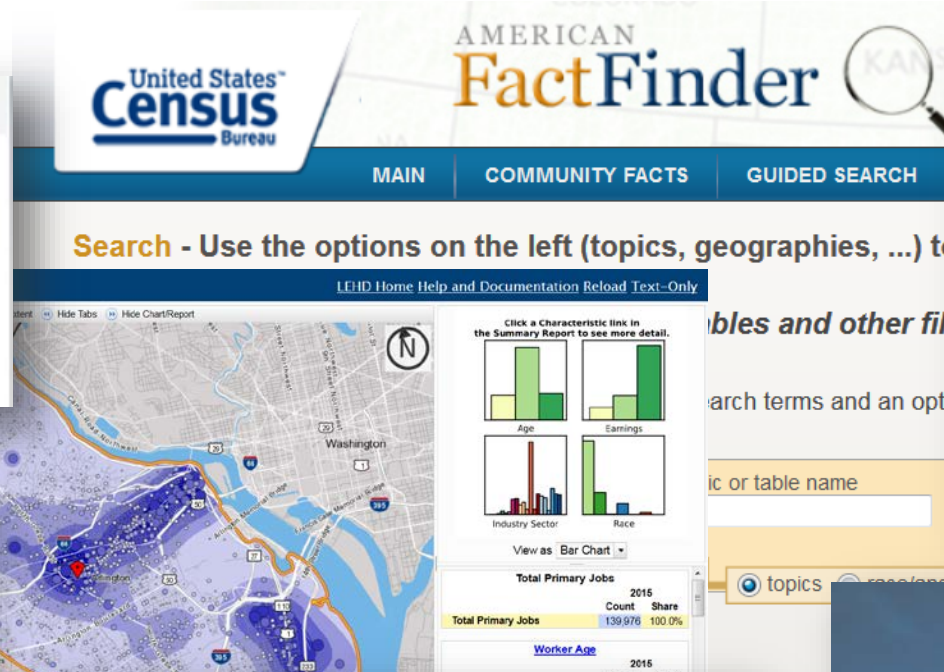
Center for Enterprise Dissemination (CED)

U.S. Census Bureau

Outline

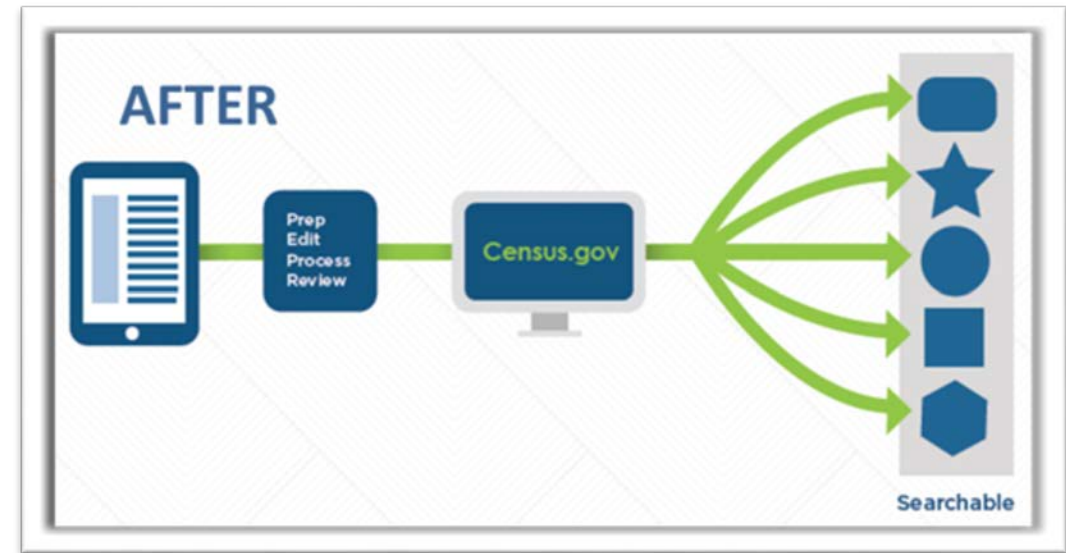
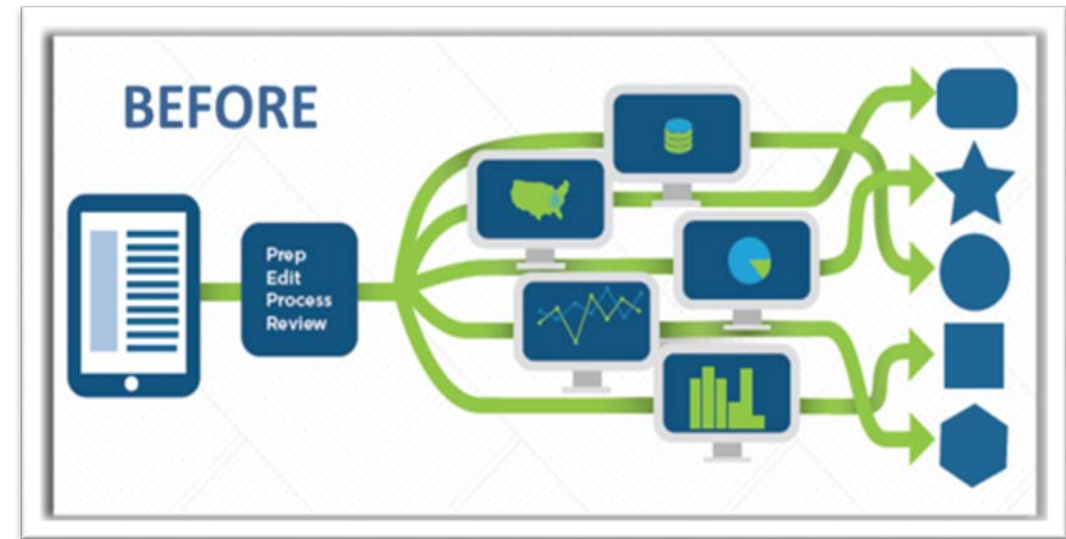
- Background
- Current Snapshot
- Using data.census.gov:
 - Live demo
 - Tips & Tricks
- Looking Ahead
- Q&A

Census.gov



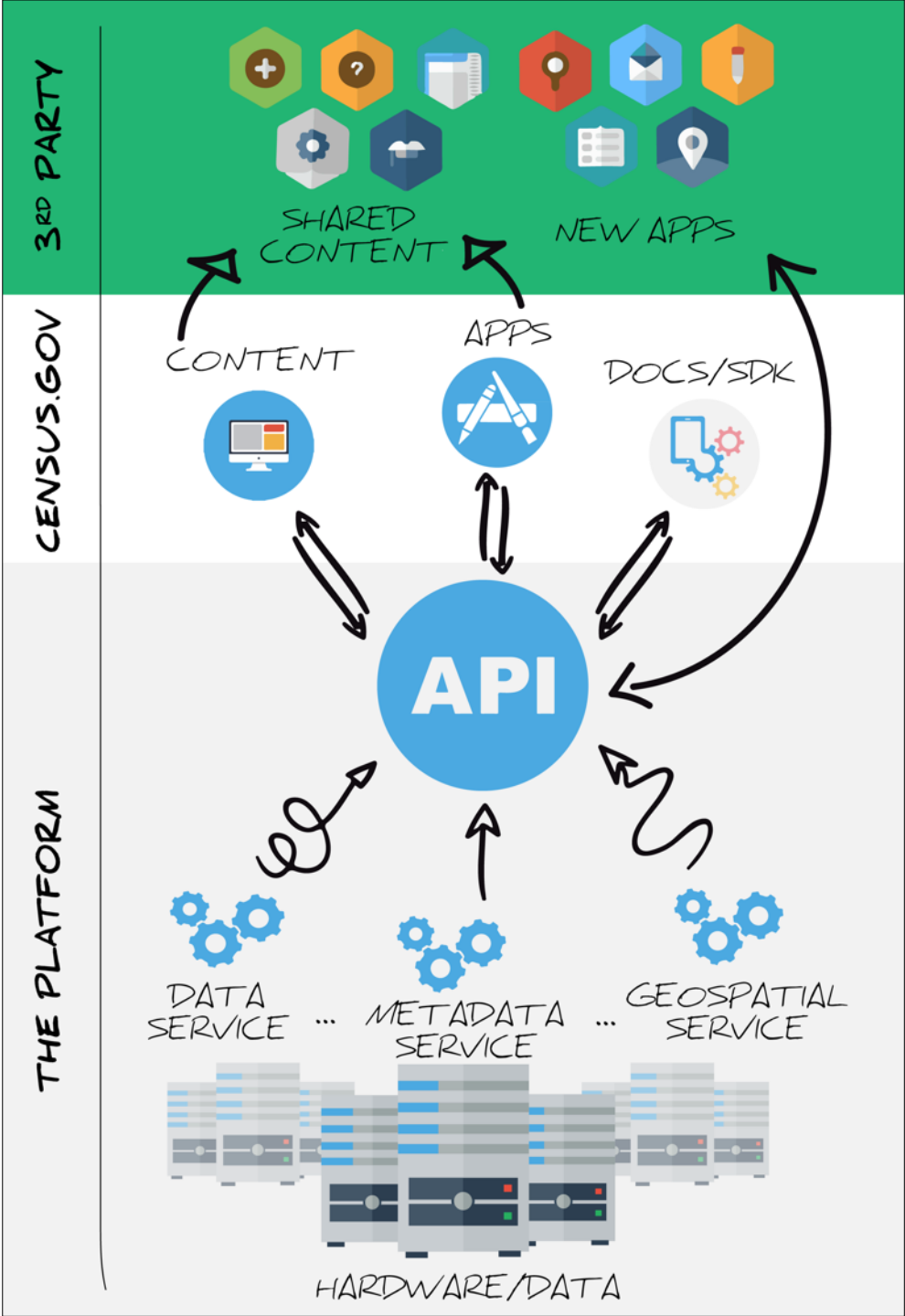
New Enterprise Dissemination

- ✓ Streamline access to data
- ✓ Maintain the best of our current tools
- ✓ Reduce redundancies and operational costs
- ✓ Provide greater access to Census Bureau API



The New Dissemination Platform:

How It All Works



Current Snapshot

Data in the New Platform: American Community Survey

Data Product	2010	2011	2012	2013	2014	2015	2016	2017
Detailed Tables	✓	✓	✓	✓	✓	✓	✓	✓
Subject Tables	✓	✓	✓	✓	✓	✓	✓	✓
Supplemental Tables	–	–	–	–	✓	✓	✓	✓
Selected Population Profiles							✓	✓
Data Profiles	✓	✓	✓	✓	✓	✓	✓	✓
Comparison Profiles	✓	✓	✓	✓	✓	✓	✓	✓
Selected Population Tables (5-Year)		–	–	–	–		–	–
American Indian Alaska Native Tables (5-Year)		–	–	–	–		–	–

✓: Available now

Blank cell: Coming soon

Data in the New Platform: Decennial and Econ

Data Product	2010	2011	2012	2013	2014	2015	2016	2017
Decennial Census (Summary File 1, 113 th & 115 th Congress Detailed Tables)	✓	–	–	–	–	–	–	–
Economic Census	–	–	✓	–	–	–	–	
County Business Patterns	–	–	✓	✓	✓	✓	✓	
Non-Employer Statistics	–	–	✓	✓		✓	✓	
Survey of Business Owners (Company Summary & Characteristics of Business Owners)	–	–	✓	–	–	–	–	–

✓: Available now

Blank cell: Coming soon

Upcoming Milestones

Summer 2019

- First data releases exclusively on new platform (Nonemployer, Public Sector)
- End of new data releases on American FactFinder (June)

Fall 2019

Major data releases:

- 2018 ACS 1-Year (Sept)
- 2017 Economic Census (Sept)
- 2018 ACS 5-Year (Dec)

June 2020

- After all data migrated to data.census.gov, American FactFinder to be shut down.

Highlights from Latest Release

Search experience:

- Featured statistics on select topics
- Curated tables for relevancy

Faceted filters

- Quicker scrolling experience

Geography filters in advanced search

- Dual paths to select geography
 - Summary Level Codes
 - Step by step experience
- Search by filter panel
- Geographic component toggle
- Incompatible geographic levels grayed out

Tables:

- Download link on table results page
- Download multiple tables at one time
- Margins of error (MOE) displayed by default
- View more data and labels
- Links to FTP site added

Mapping

- Defaults to geography level selected
- Psuedo geographies
- Download the table from the map view

Improvements to econ tables/searches:

- Product and service codes
- View large econ tables

Live Demo

Search Experience Improvements

NEW! Featured results

Quick stats for selected topics

United States
Census
Bureau

Q veterans virginia

X

Search

ALL

TABLES

MAPS

PAGES

About 605 results

EXPLORE DATA

10.6% +/- 0.2% Veterans in Virginia

Source 2017 American Community Survey 1-Year Estimates
https://www.census.gov/programs-surveys/acs/

EXPLORE DATA

Virginia Profile

Virginia has a total area of 39,471.3 square miles, including 3,292 square miles of water, making it the 37th-largest state by area.



U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU
census.gov

Improved - Curated table results

The first 3 table results

United States
Census
Bureau

Q veterans virginia

X

Search

Tables

VETERAN STATUS

Survey/Program: American Community Survey
Years: 2017,2016,2015,2014,2013,2012,2011,2010 Table: S2101

Virginia					
	Veterans		Percent Veterans		Population
Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate
(X)	687,271	+/-10,981	10.6%	+/-0.2	5,801,400
(X)	215,868	+/-7,914	31.4%	+/-0.9	687,271

SEX BY AGE BY VETERAN STATUS FOR THE CIVILIAN POPULATION 18 YEARS AND OVER

Survey/Program: American Community Survey
Years: 2017,2016,2015,2014,2013,2012,2011,2010 Table: B21001

SEX BY AGE BY VETERAN STATUS FOR THE CIVILIAN POPULATION 18 YEARS AND OVER (WHITE ALONE)

Survey/Program: American Community Survey
Years: 2017,2016,2015,2014,2013,2012,2011,2010 Table: B21001A

VIEW ALL TABLES (37)

Two Options to Find Featured Results

1) **Single Search:** Type topic and/or geography (example: “Veterans Virginia”)

Explore Census Data

The Census Bureau is the leading source of quality data about the nation's people and economy.

× Search

2) **Advanced Search:** Use filters

- Topics → Populations and People → **Veterans**
- Geography → 040 - State → **Virginia**

FILTERS	TOPICS	POPULATIONS AND PEOPLE	GEOGRAPHY	040 - STATE
Topics	Health	<input type="checkbox"/> Language Spoken at Home	010 - United States	<input type="checkbox"/> Utah
Geography	Housing	<input type="checkbox"/> Native and Foreign Born	020 - Region	<input type="checkbox"/> Vermont
Years	Income and Poverty	<input type="checkbox"/> Older Population	030 - Division	<input checked="" type="checkbox"/> Virginia
Surveys	Populations and People	<input type="checkbox"/> Population Change and Components	040 - State	<input type="checkbox"/> Washington
Codes	Race and Ethnicity	<input type="checkbox"/> Residential Mobility	050 - County	<input type="checkbox"/> West Virginia
		<input checked="" type="checkbox"/> Veterans	060 - County Subdivision	<input type="checkbox"/> Wisconsin
			061 - Estimates Universe	

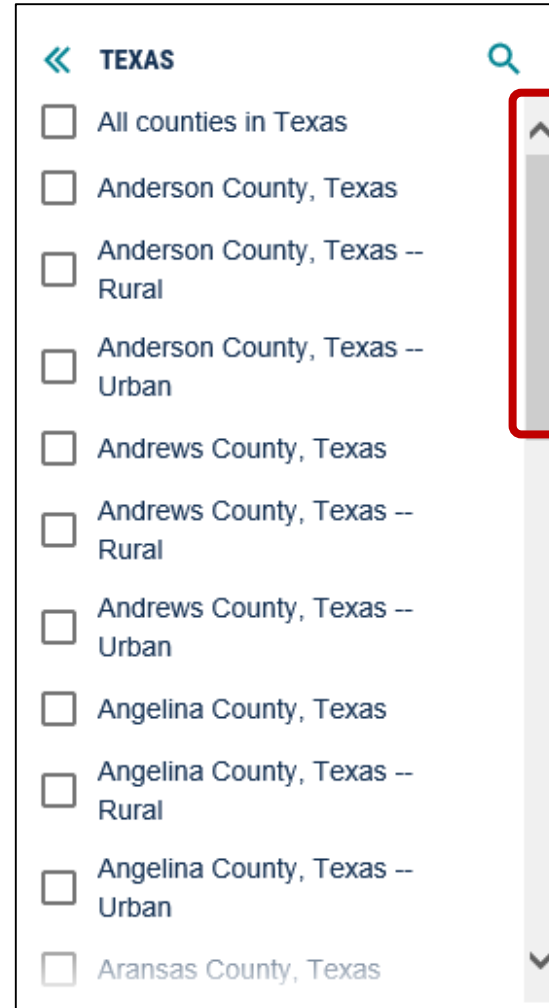
Search Query t:Veterans g:Virginia VIEW QUERY VIEW ALL RESULTS

Faceted Filters: Quicker Scrolling Experience

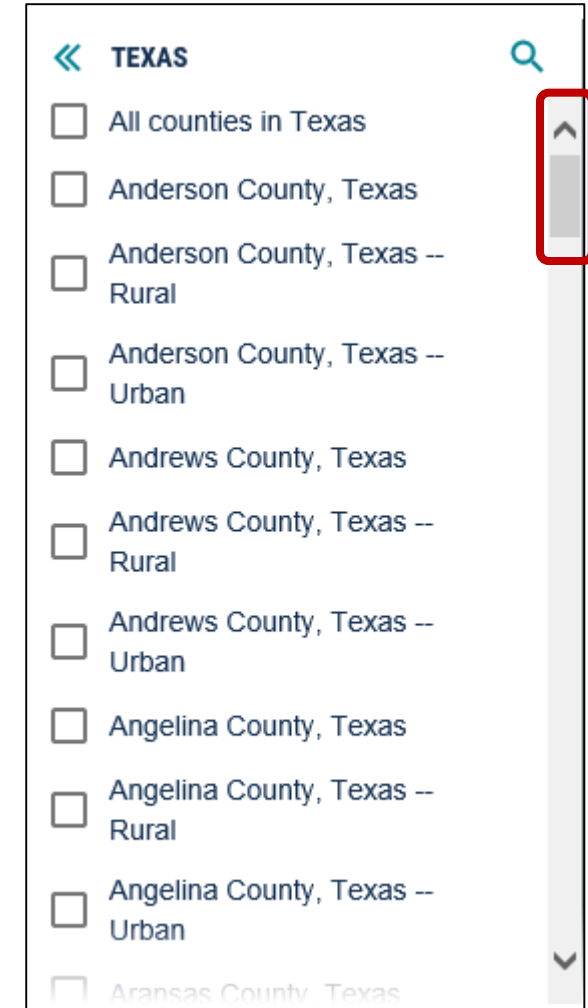
Quicker scrolling experience:

We increased how many results load at once in the filter panels so you can scroll more quickly to where you need to

Old: 30 results load at a time



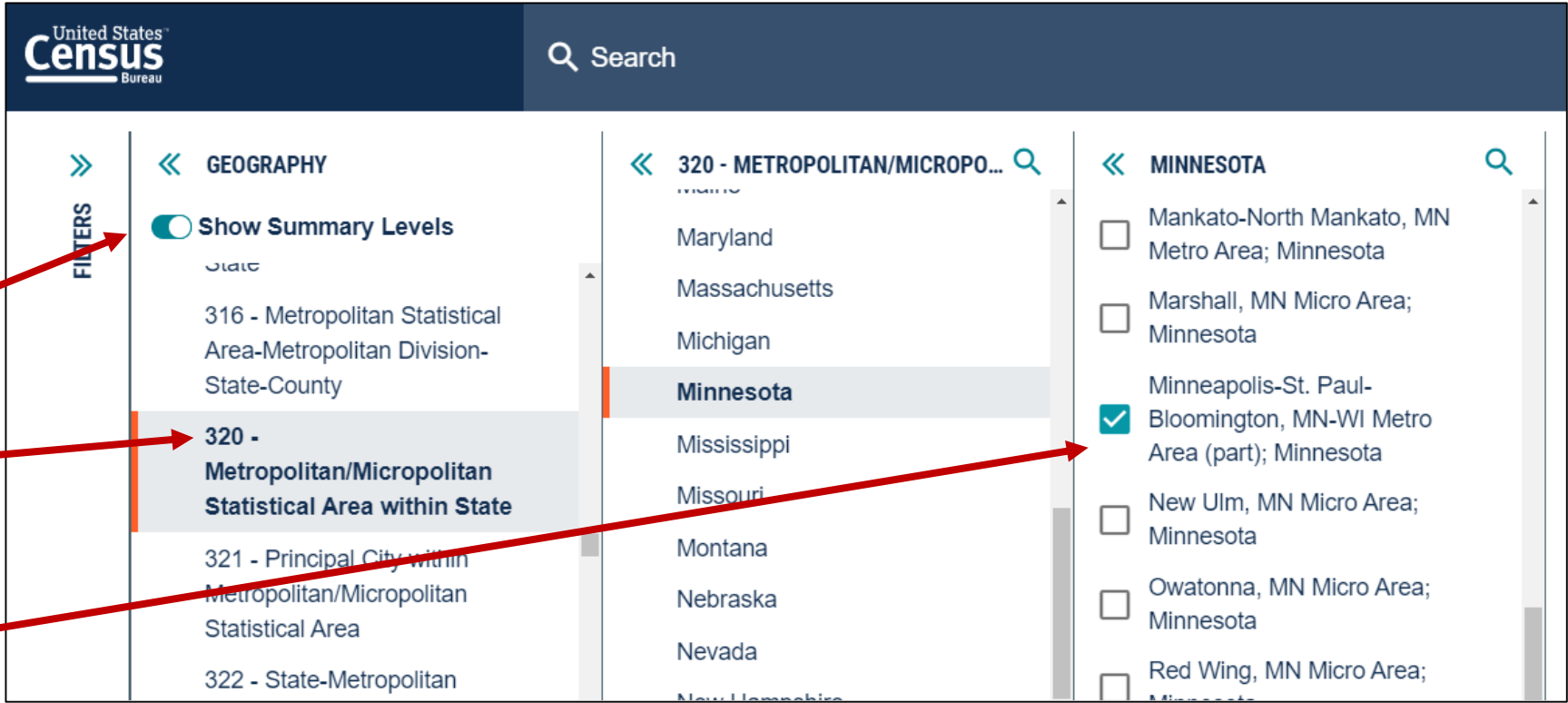
New: 100 results load at a time



Path #1 to Select Your Geo: Summary Level

Recommended for users who know the three digit summary level code

1. Select your geographic level in one click:
 - Make sure the new summary level toggle is turned on
 - Scroll and click on your geo level of interest, sorted by 3-digit summary level code
2. Follow additional prompts and select a checkbox to add geo to search query



Example: Get data on the portion of Minneapolis metro area within the state of MN

Path #2 to Select Your Geo: New Step-by-Step Geo Experience

To find common geographies using this pathway:

1. Turn off the summary level toggle
2. Select your geographic area using simpler labels, with more common types of geos near the top of the list
3. Select a checkbox to get data for the full area you selected (e.g. complete Minneapolis metro area)

The screenshot shows the 'GEOGRAPHY' section of the U.S. Census Bureau's data selection tool. It features a 'Show Summary Levels' toggle switch, which is currently turned off. Below this, a list of geographic areas is displayed, including 'Metropolitan Statistical Area/Micropolitan Statistical Area', 'Combined Statistical Area', 'New England City and Town Area', 'Urban Area', 'Metropolitan Division', 'Consolidated City', 'American Indian Tribal Subdivision', and 'Tribal Census Tract'. To the right, a list of specific areas is shown, including 'Minden, LA Micro Area', 'Mineral Wells, TX Micro Area', 'Minneapolis-St. Paul-Bloomington, MN-WI Metro Area' (which is selected with a checkmark), 'Minot, ND Micro Area', 'Missoula, MT Metro Area', 'Mitchell, SD Micro Area', 'Moberly, MO Micro Area', and 'Mobile, AL Metro Area'.

Example: Get data for the complete Minneapolis metro area

Path #2 to Select Your Geo: New Step-by-Step Geo Experience (Continued)

To find more complex summary levels rolled up into this geographic area:

- Click the arrow next to “Within Other Geographies”
- Choose the level you want to drill into
- Follow prompts and select a checkbox to make a final selection

The screenshot shows a multi-step geographic selection process. The first panel, 'FILTERS', has a 'Show Summary Levels' toggle. The second panel, 'GEOGRAPHY', lists various geographic levels, with 'Metropolitan Statistical Area/Micropolitan Statistical Area' selected. The third panel, 'METROPOLITAN STATISTICAL AREA', shows a dropdown menu with 'Within Other Geographies' selected, and 'State' is the chosen level. The fourth panel, 'STATE', lists states, with 'Minnesota' selected. The fifth panel, 'MINNESOTA', lists specific geographic areas within Minnesota, with 'Minneapolis-St. Paul-Bloomington, MN-WI Metro Area (part); Minnesota' selected (checked).

Example: Get data on the portion of Minneapolis metro area within the state of MN

Improvements for geography filters

The screenshot shows the United States Census Bureau search interface. On the left, a 'FILTERS' sidebar has 'Geography' selected. The main panel is titled 'GEOGRAPHY' and includes a 'Show Summary Levels' toggle. A list of geographic levels is shown, with '310 - Metropolitan Statistical Area/Micropolitan Statistical Area' highlighted. To the right, a search bar contains 'san an' and a magnifying glass icon. Below the search bar, two results are listed: 'San Angelo, TX Metro Area' (unchecked) and 'San Antonio-New Braunfels, TX Metro Area' (checked). At the bottom, a 'Search Query' field displays 'd:"ACS 1-Year Estimates Detailed Tables"', followed by 'VIEW QUERY' and 'VIEW ALL RE' buttons. Red arrows point from the annotations to the magnifying glass icon, the '310' level, and the search query field.

United States
Census
Bureau

Search

FILTERS

Topics

Geography

Years

Surveys

Codes

« GEOGRAPHY

☒ Show Summary Levels

294 - American Indian Area (Off-Reservation Trust Land Only)-Tribal Census Tract-Tribal Block Group

310 - Metropolitan Statistical Area/Micropolitan Statistical Area

311 - Metropolitan Statistical Area/Micropolitan Statistical Area within State

312 - Principal City (or part) within State within Metro/Micro Statistical Area

313 - Metropolitan Statistical Area/Micropolitan Statistical Area-State-County

314 - Metropolitan Division

« san an

☐ San Angelo, TX Metro Area

☒ San Antonio-New Braunfels, TX Metro Area

Search Query d:"ACS 1-Year Estimates Detailed Tables"

VIEW QUERY

VIEW ALL RE

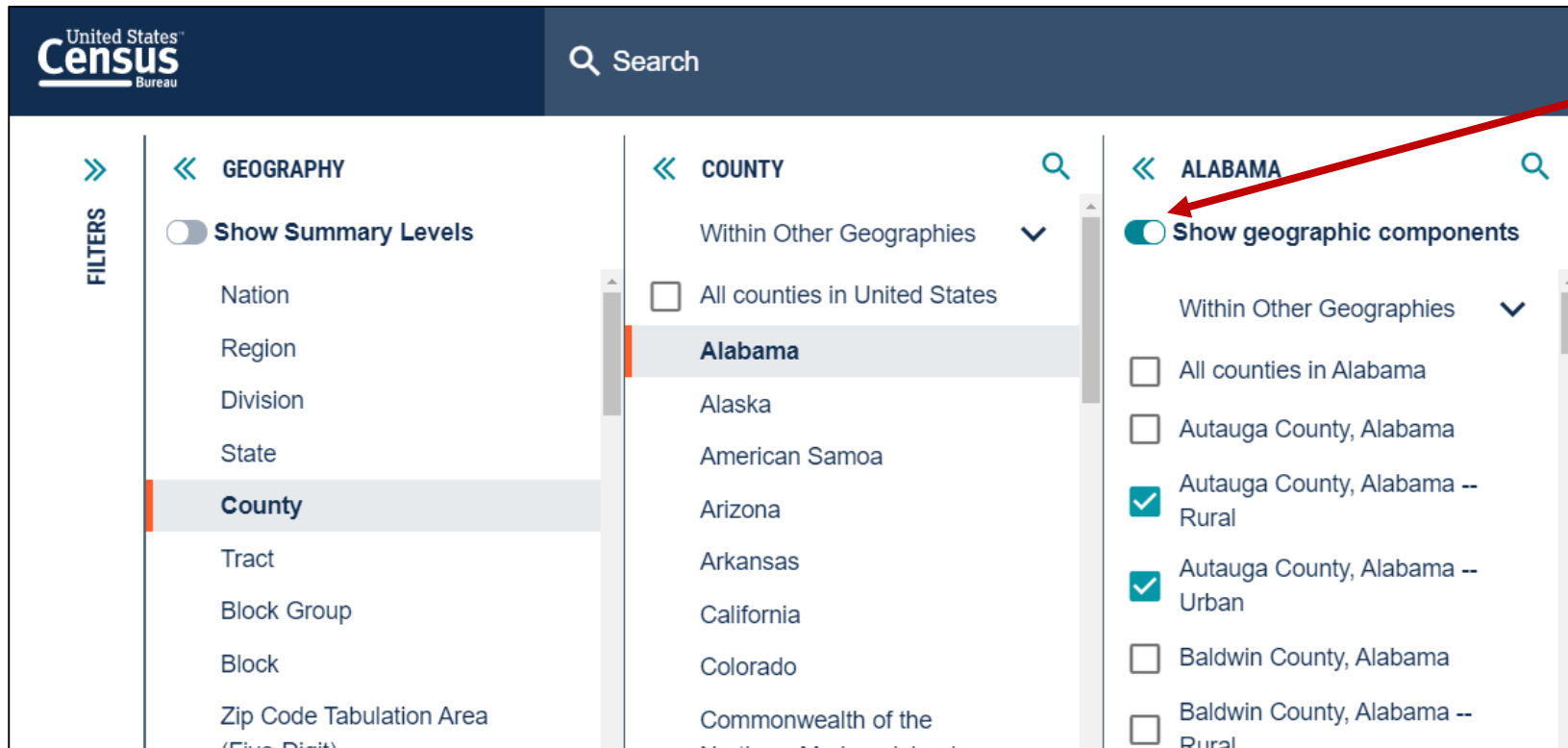
1. Search by filter panel – narrow results in a long list of geographies

Example: Click this icon to find the exact metro/micro area you need

2. Geographic areas are grayed out when they are not compatible with your other search selections

Example: Statistics for summary level 294 (tribal block groups) are not produced for ACS 1-year estimates

New Toggle for Geographic Components



The screenshot shows the U.S. Census Bureau filter interface. The top navigation bar includes the 'United States Census Bureau' logo and a search bar. The main filter area is divided into three panels: 'GEOGRAPHY', 'COUNTY', and 'ALABAMA'. In the 'GEOGRAPHY' panel, the 'Show Summary Levels' toggle is turned off, and 'County' is selected. In the 'COUNTY' panel, 'Alabama' is selected. In the 'ALABAMA' panel, the 'Show geographic components' toggle is turned on, and 'Autauga County, Alabama -- Rural' and 'Autauga County, Alabama -- Urban' are selected. A red arrow points to the 'Show geographic components' toggle in the 'ALABAMA' panel.

New toggle to select geo components

- Available in step-by-step filter experience
- Turned off by default to give you a clean list of geographies

Example: The urban and rural portions of Autauga County, AL

Download Multiple Tables At Once

From the table results page:

- Click download
- Select checkboxes for the tables you'd like to download
- Click Download Selected
- Choose year(s) and type of estimates
- Click Download

The screenshot shows the top of the Census Bureau website with the 'TABLES' tab selected. Below the navigation bar, it says '146 Results' and 'Filter | Download'. A red arrow points to the 'Download' link. Below this, a red arrow points to the 'Download Selected (2)' button. The two selected tables are:

- ☒ **COMMUTING CHARACTERISTICS BY SEX**
Survey/Program: American Community Survey
Years: 2017,2016,2015,2014,2013,2012,2011,2010
Table: S0801
- ☒ **MEANS OF TRANSPORTATION TO WORK BY SELECTED CHARACTERISTICS**
Survey/Program: American Community Survey
Years: 2017,2016,2015,2014,2013,2012,2011,2010
Table: S0802

The screenshot shows the 'Download / Print / Share' page. The 'DOWNLOAD' tab is selected. Below the navigation bar, there is a 'Select Table Vintages' table. A red bracket highlights the '1-Year' and '5-Year' options for both S0801 and S0802. The '1-Year' options are selected for both tables. Below the table, there is a 'File Type' section with 'CSV' selected. To the right, under 'What You're Getting', it lists: 2 .csv files (metadata), 2 .csv files (data), and 2 .txt files (table title). The 'Uncompressed Estimated Size: 144.8 kB' is shown. A red arrow points to the 'DOWNLOAD' button.

	All	2017	2016	2015	2014	2013	2012	2011
S0801								
1-Year	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5-Year	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
S0802								
1-Year	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5-Year	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Table Display Improvements

SEX OF WORKERS BY MEANS OF TRANSPORTATION TO WORK		
Survey/Program: American Community Survey Universe: Workers 16 years and over Year: 2017		
Estimate: 1-Year TableID: B08006		
San Antonio-New Braunfels, TX Metro Area		
	Estimate	Margin of Error
▼ Total:	1,135,333	+/-11,805
▼ Car, truck, or van:	1,025,302	+/-12,658
Drove alone	906,905	+/-12,930
^ Carpooled:	118,397	+/-6,520
▼ Public transportation (excl...	22,217	+/-2,835
Bus or trolley bus	4	+/-2,810
Streetcar or trolley car (...)	8	+/-340

1. Margins of Error (MOE) Shown by Default for ACS Tables

You can turn it off in the full table view

2. View more data

We decreased the height of each row so you can see more data on your screen

3. View more labels

We made improvements to show more of the label's text by default, and added a hover to see long labels more easily

Table Controls – New Links to FTP/Census Websites

United States Census Bureau

Search

SEX OF WORKERS BY MEANS OF TRANSPORTATION TO WORK

Geogr... San Antonio-New Braunfels, T... [CHANGE GEOGRAPHY](#)

Year: 2017 [CHANGE YEAR](#)

Estimates: 1 Year [▼](#)

☒ Show Margin Of Error ☐ Transpose Table

[VIEW MAP](#)

[VIEW CHART](#)

[HIDE / FILTER / SORT](#)

[DOWNLOAD / PRINT / SHARE](#)

[VIEW DATA NOTES](#)

[Download / Print / Share](#)

[DOWNLOAD](#) [EMBED](#) [SHARE](#) [API](#) [PRINT](#) [MORE DATA](#)

More Data

The link below will take you to a FTP or census website to download larger data files from a directory.
The data will not reflect any customizations you have made here.

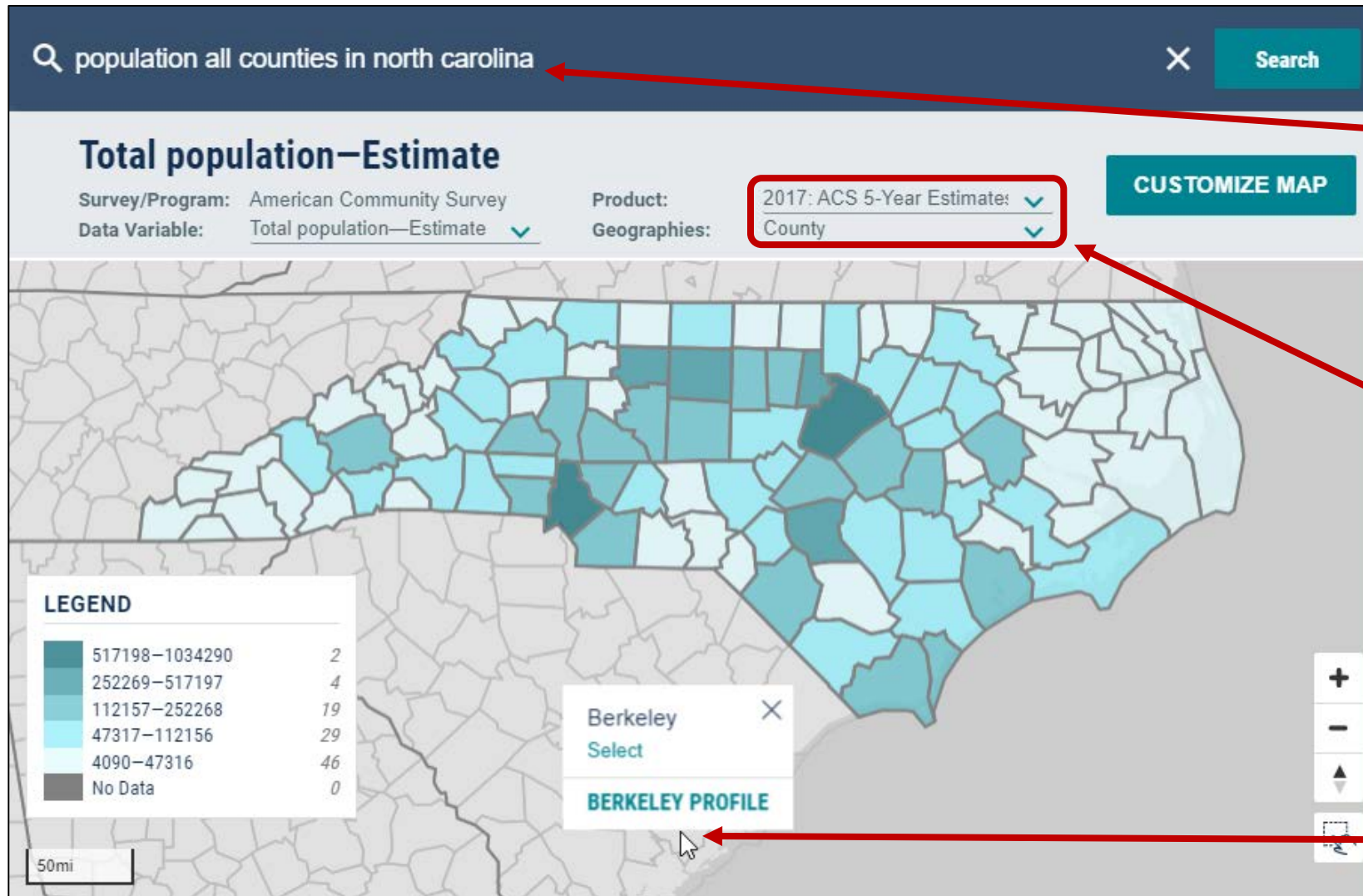
[CONTINUE TO SITE](#)

New links to access more data (FTP site or Census websites):

- Open full table view
- Expand **chevron** in the upper right
- Click **Download/Print/Share**
- Click **More Data** tab
- Select **Continue to Site**

*NOTE: The “More Data” tab will be grayed out if FTP links are not available

Mapping Improvements



1. Maps now work with collections of geographies

Example: All counties in NC

2. Map layer defaults to the geographic level you selected

Previously, the map always defaulted to the state level.

***Tip:** To get a more complete map of ACS variables, be sure to select ACS 5-year estimates from the dropdown

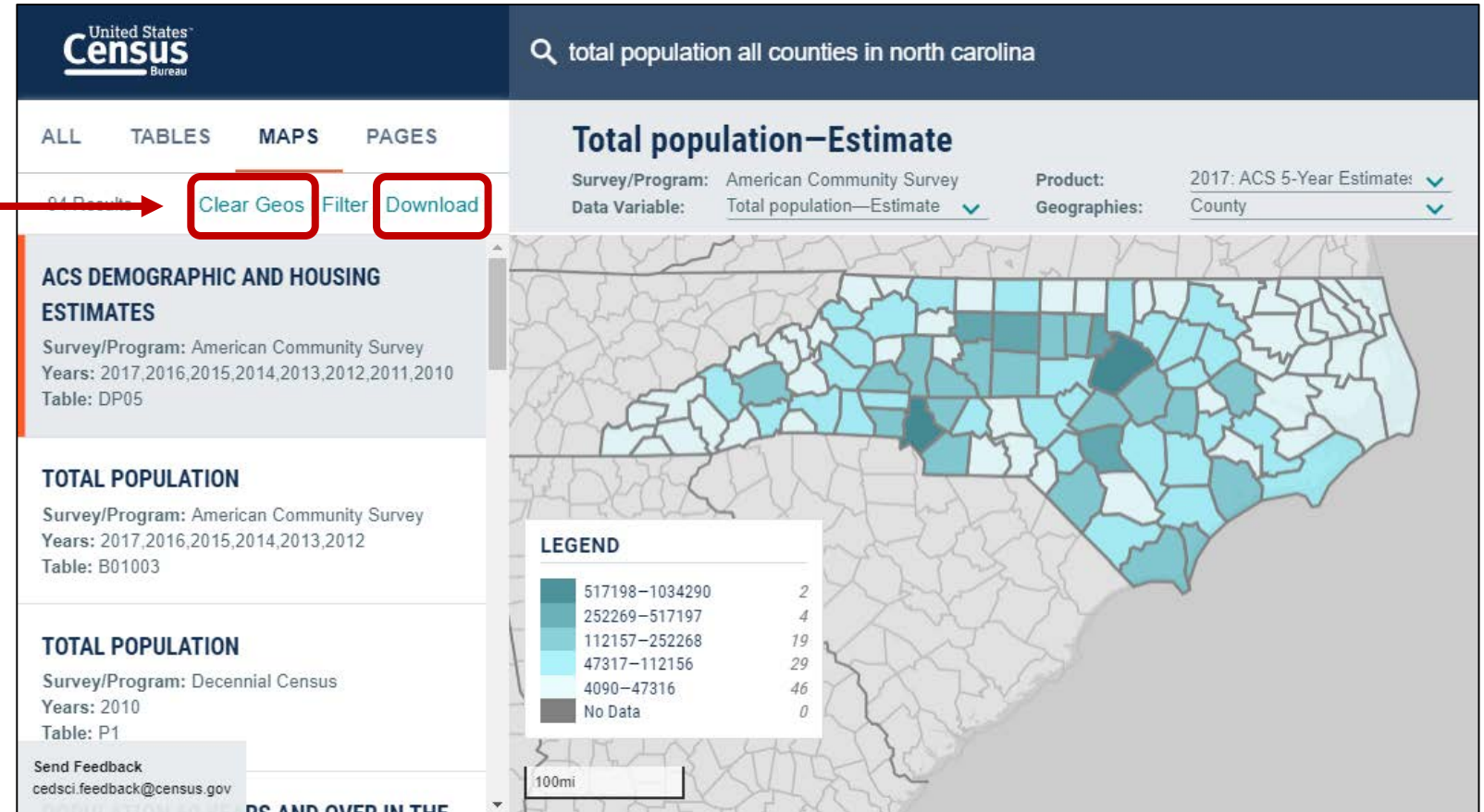
3. You can add more geographies outside of the geo collection

Example: Berkeley county, SC

Mapping Improvements (continued)

Map results page now allows you to:

- Clear your geographies
- Download tables



Search by 2012 Product and Service Code

FILTERS

Topics

Geography

Years

Surveys

Codes

« CODES

Industry Codes (NAICS)

Product and Service Codes

« PRODUCT AND SERVICE CODES

motorcycles, and trailers

☐ 10111 - New automobiles, including crossovers

☐ 10112 - Used automobiles, including crossovers

☒ 10113 - Motorcycles

☐ 10114 - Utility trailers

Get data by product or service code:

- Example: Advanced Search Filters: Codes → Product and Service Codes → **10113 – Motorcycles**
- View your table with data on sales, # of establishments, and more!

Wholesale Trade: Subject Series - Product Lines: Product Lines Statistics by Industry for the U.S. and States: 2012				
Survey/Program: Economic Census Year: 2012 TableID: EC1242SLLS1				
Meaning of Type of Operation code	Meaning of Product/Service code	Number of establishments	Sales (\$1,000)	Product line sales as % of total sales of estabs reporting line (%)
All establishments	Motorcycles	1,025	8,220,777	7.2
Merchant wholes...	Motorcycles	454	3,058,127	12.1
Manufacturers' sa...	Motorcycles	6	4,349,090	6.9

View Large Econ Tables

Q Search

Geographic Area Series: Nonemployer Statistics by Legal Form of Organization and Receipt Size Class: 2015

Survey/Program: Economic Annual Surveys Year: 2015

TableID: NS1500NONEMP

CUSTOMIZE TABLE

Geographic Area Name	2012 NAICS code	Meaning of 2012 NAICS code	Meaning of Legal form of organization code	Meaning of Sales, receipts, or receipt size of establishment code
St. Lucie County,00	Total for all sectors	All establishments	All establishments
Santa Rosa Coun...	.00	Total for all sectors	All establishments	All establishments
Sarasota County,...	.00	Total for all sectors	All establishments	All establishments
Seminole County,...	.00	Total for all sectors	All establishments	All establishments
Sumter County, F...	.00	Total for all sectors	All establishments	All establishments
Suwannee Count...	.00	Total for all sectors	All establishments	All establishments
Taylor County, FL	.00	Total for all sectors	All establishments	

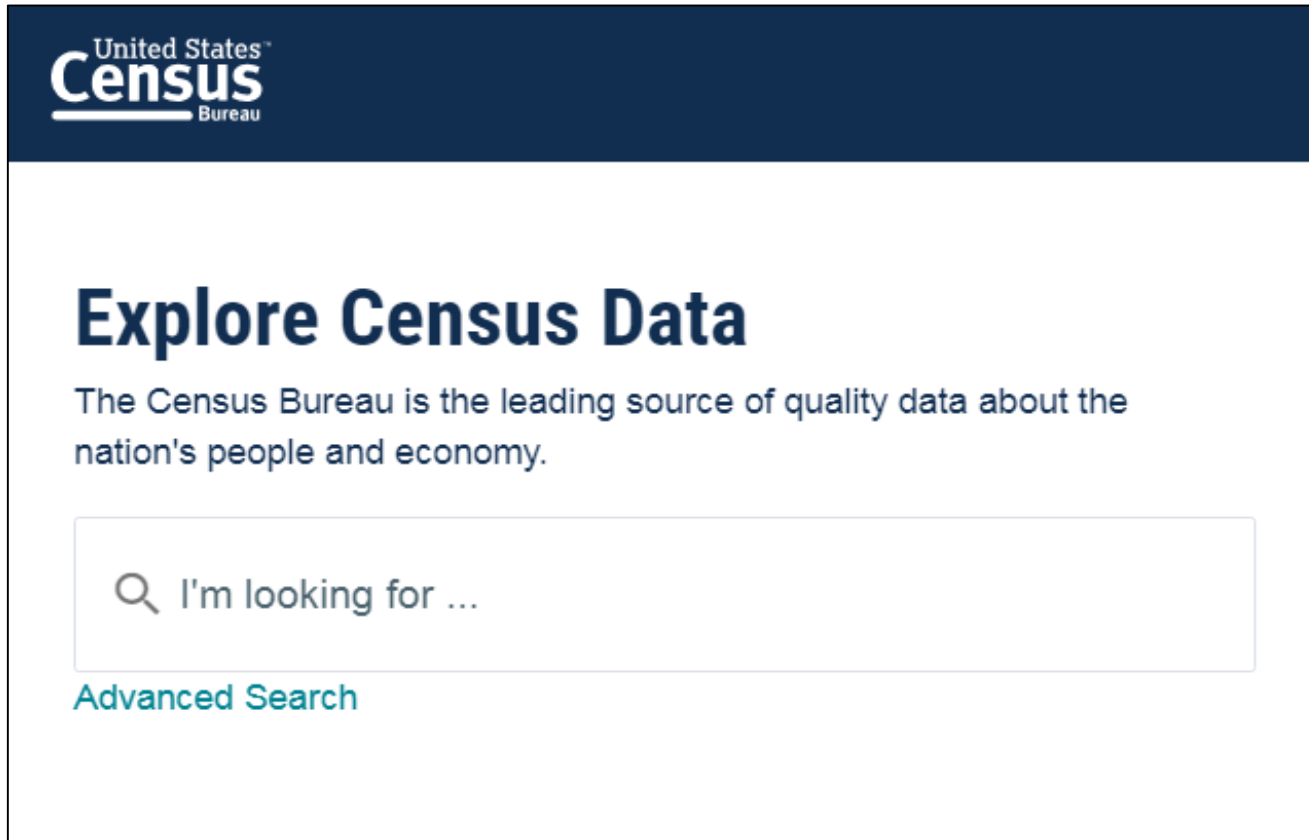
Showing 372 - 400 of 57697 Rows

You can now view large econ tables that were previously unavailable on data.census.gov.

- The table will load in sections as you scroll, 400 rows at a time
- When more rows are loading, you will see an orange loading indicator at the top for a brief time
- Lower right indicates how many rows you are viewing on screen

Tips & Tricks

Single Search - Quick Wins for All Users



The screenshot shows the top of the Census Bureau website with a dark blue header containing the 'United States Census Bureau' logo. Below the header, the main content area has a white background. It features the heading 'Explore Census Data' in a large, bold, dark blue font. Underneath this heading is a line of text: 'The Census Bureau is the leading source of quality data about the nation's people and economy.' Below the text is a large, light gray rectangular search box with a magnifying glass icon on the left and the placeholder text 'I'm looking for ...'. At the bottom left of the search box, the text 'Advanced Search' is written in a smaller, teal-colored font.

Use for quick wins to find things like:

- **Simple statistics**
e.g. health insurance in Arizona
- **Profile for a single geography**
e.g. Arizona profile
- **NAICS**
531110
- **Table ID**
B19001
- **Groups of tables**
CP

Search for Groups of Tables

CP: Provides all 5 Comparison Profiles

The screenshot shows the search results for the query 'cp'. The search bar at the top contains 'cp' and a 'Search' button. Below the search bar, there are tabs for 'ALL', 'TABLES', 'MAPS', and 'PAGES', with 'TABLES' selected. The results section shows '5 Results' and a 'Filter' button. The first result is 'COMPARATIVE SOCIAL CHARACTERISTICS IN THE UNITED STATES' with details: 'Survey/Program: American Community Survey', 'Years: 2017,2016,2015,2014,2013,2012,2011,2010', and 'Table: CP02'. The second result is 'COMPARATIVE ECONOMIC CHARACTERISTICS' with details: 'Survey/Program: American Community Survey', 'Years: 2017,2016,2015,2014,2013,2012,2011,2010', and 'Table: CP03'.

B27: Provides all 32 Detailed Tables for Health Insurance

The screenshot shows the search results for the query 'b27'. The search bar at the top contains 'b27' and a 'Search' button. Below the search bar, there are tabs for 'ALL', 'TABLES', 'MAPS', and 'PAGES', with 'TABLES' selected. The results section shows '32 Results' and a 'Filter' button. The first result is 'HEALTH INSURANCE COVERAGE STATUS BY SEX BY AGE' with details: 'Survey/Program: American Community Survey', 'Years: 2017,2016,2015,2014,2013,2012,2011,2010', and 'Table: B27001'. The second result is 'HEALTH INSURANCE COVERAGE STATUS BY AGE (WHITE ALONE)' with details: 'Survey/Program: American Community Survey', 'Years: 2017,2016,2015,2014,2013,2012,2011,2010', and 'Table: B27001A'.

B19001: Provides main table plus race iterations B19001A-I


The screenshot shows the search results for the query 'b19001'. The search bar at the top contains 'b19001' and a 'Search' button. Below the search bar, there are tabs for 'ALL', 'TABLES', 'MAPS', and 'PAGES', with 'TABLES' selected. The results section shows '13 Results' and a 'Filter' button. The first result is 'HOUSEHOLD INCOME IN THE PAST 12 MONTHS (IN 2017 INFLATION-ADJUSTED DOLLARS)' with details: 'Survey/Program: American Community Survey', 'Years: 2017,2016,2015,2014,2013,2012,2011,2010', and 'Table: B19001'. The second result is 'HOUSEHOLD INCOME IN THE PAST 12 MONTHS (IN 2017 INFLATION-ADJUSTED DOLLARS) (WHITE ALONE HOUSEHOLDER)' with details: 'Survey/Program: American Community Survey', 'Years: 2017,2016,2015,2014,2013,2012,2011,2010', and 'Table: B19001A'.

Wildcard (*) functionality is still in the process of being added, but many searches already behave as expected

census.gov/programs-surveys/acs/guidance/which-data-tool/table-ids-explained.html

Search by NAICS Code (e.g. 4451)

United States
Census
Bureau

 4451, all counties in maryland



Search

Geography Area Series: County Business Patterns: 2016



Survey/Program: Economic Annual Surveys Year: 2016 TableID: CB1600A11

[RESTORE TABLE LAYOUT](#)

[CHANGE TABLE LAYOUT](#)

Geographic Area Name	2012 NAICS code	Meaning of 2012 NAICS code	Year	Number of establishments	Paid employees for p including March 12 (n
Allegany County, Maryland	4451	Grocery stores	2016	18	
Anne Arundel County, Maryland	4451	Grocery stores	2016	160	
Baltimore County, Maryland	4451	Grocery stores	2016	256	
Calvert County, Maryland	4451	Grocery stores	2016	20	
Caroline County, Maryland	4451	Grocery stores	2016	10	

Advanced Search – More Complex Searches

The screenshot shows the U.S. Census Bureau Advanced Search interface. At the top is a dark blue header with the 'United States Census Bureau' logo on the left and a search bar with a magnifying glass icon and the word 'Search' on the right. Below the header, the interface is divided into two main sections: 'FILTERS' on the left and 'TOPICS' on the right. The 'FILTERS' section has a vertical list of categories: 'Topics' (highlighted with an orange bar), 'Geography', 'Years', 'Surveys', and 'Industries'. The 'TOPICS' section is titled '« TOPICS' and contains a list of topic categories: 'Business and Economy', 'Education', 'Employment', 'Families and Living Arrangements', 'Government', 'Health', 'Housing', 'Income and Poverty', 'Populations and People', and 'Race and Ethnicity'. This entire 'TOPICS' list is enclosed in a red rounded rectangle. At the bottom of the interface, there is a 'Search Query' input field, a copy icon, a 'VIEW QUERY' button, a 'VIEW ALL RESULTS' button, and an upward arrow icon.

- **Survey/Program or Table Type**
e.g. ACS 1-Year Detailed Tables
- **Geographies with complex names**
e.g. Census Tract 100.01, Bibb County, AL
- **Collections of geographies**
e.g. All places in the United States
- **Cross tabulations**
e.g. Health insurance by full/part-time by sex
- **Detailed pop groups**
Race, Tribal, Hispanic Origin, Ancestry, and country of birth groups

Explore the new layout of topics in the advanced search

Advanced Search: Accessing Distributions of Basic Race Groups

The screenshot displays a multi-step selection process in the 'Advanced Search' tool. The interface is divided into four main vertical sections:

- FILTERS:** A sidebar on the left with a vertical orange bar. It contains a 'Topics' section (highlighted with a grey bar) and a list of filter categories: Geography, Years, Surveys, and Codes.
- TOPICS:** A list of topic categories. 'Race and Ethnicity' is selected and highlighted with a grey bar and an orange vertical bar on its left.
- RACE AND ETHNICITY:** A list of race and ethnicity options. 'Asian' is selected and highlighted with a grey bar and an orange vertical bar on its left.
- ASIAN:** A list of specific Asian categories. The 'Asian' checkbox is checked (indicated by a blue checkmark). Other options include 'All available detailed Asi: races', '012 - Asian alone (400-499)', '031 - Asian alone or in combination with one or more other races (400-499) & (100-299) or (300, A01-Z99) or (400-999)', 'Detailed Asian Alone', and 'Detailed Asian Alone or in Any Combination'.

Red arrows and brackets are used to guide the user's selection process:

- A red arrow points from the 'Topics' section to the 'Race and Ethnicity' section.
- A red arrow points from the 'Race and Ethnicity' section to the 'Asian' checkbox in the 'ASIAN' section.
- A red bracket groups the 'Race and Ethnicity' and 'ASIAN' sections.

Topics → Race and Ethnicity

- Select a basic race or ethnic group
- Select the checkbox at the top for distributions

Advanced Search: Accessing Characteristics of Detailed Pop Groups

Step 1 (Optional): Select Table Type
Surveys → ACS 1-Year Estimates Selected Population Profiles

United States™
Census
Bureau

Search

FILTERS

Topics

Geography

Years

Surveys

Industries

« SURVEYS

☐ ACS 1-Year Estimates Detailed Tables

☒ ACS 1-Year Estimates Selected Population Profiles

☐ ACS 1-Year Estimates Subject Tables

☐ ACS 5-Year Estimates

Step 2: Select Detailed Population Group(s) using Topics:

- **Populations and People** (Ancestry & Country of Birth)
- **Race and Ethnicity** (Race, Tribal, & Hispanic Origin)

United States™
Census
Bureau

Search

FILTERS

Topics

Geography

Years

Surveys

Industries

« TOPICS

Government

Health

Housing

Income and Poverty

Populations and People

Race and Ethnicity

Finding Population Groups: Ancestry

Topics → Populations and People → Ancestry

FILTERS

Topics

Geography

Years

Surveys

Industries

« TOPICS

Business and Economy

Education

Employment

Families and Living Arrangements

Government

Health

Housing

Income and Poverty

Populations and People

Race and Ethnicity

« POPULATIONS AND PEO...

☐ Populations and People

☐ Age and Sex

Ancestry

☐ Computer and Internet Use

Counts, Estimates, and Projections

☐ Language Spoken at Home

Native and Foreign Born

☐ Older Population

Population Change and

Finding Population Groups: County of Birth

Topics → Populations and People → Native and Foreign Born → Foreign Born

FILTERS	« TOPICS	« POPULATIONS AND PEO...	« NATIVE AND FOREIGN BO...
<div>Topics</div> <div>Geography</div> <div>Years</div> <div>Surveys</div> <div>Industries</div>	<div>Business and Economy</div> <div>Education</div> <div>Employment</div> <div>Families and Living Arrangements</div> <div>Government</div> <div>Health</div> <div>Housing</div> <div>Income and Poverty</div> <div>Populations and People</div> <div>Race and Ethnicity</div>	<div><input type="checkbox"/> Populations and People</div> <div><input type="checkbox"/> Age and Sex</div> <div>Ancestry</div> <div><input type="checkbox"/> Computer and Internet Use</div> <div>Counts, Estimates, and Projections</div> <div><input type="checkbox"/> Language Spoken at Home</div> <div>Native and Foreign Born</div> <div><input type="checkbox"/> Older Population</div> <div>Population Change and Components</div>	<div><input type="checkbox"/> Native and Foreign Born</div> <div><input type="checkbox"/> Citizenship</div> <div>Foreign Born</div> <div><input type="checkbox"/> Native Born</div> <div><input type="checkbox"/> Place of Birth</div>

Finding Population Groups: Race & Hispanic Origin

Topics → Race and Ethnicity → Select a path into one of the high level race or Hispanic Origin groups

FILTERS

Topics

Geography

Years

Surveys

Industries

« TOPICS

Business and Economy

Education

Employment

Families and Living Arrangements

Government

Health

Housing

Income and Poverty

Populations and People

Race and Ethnicity

« RACE AND ETHNICITY

☐ -00 - All available races

☐ -01 - All available basic races alone

American Indian and Alaska Native

Asian

Black or African American

Hispanic or Latino

☐ Native Hawaiian and Pacific Islander

Not Hispanic or Latino

Some Other Race

Two or More Races

White

Send Feedback

cedsci.feedback@census.gov

Select Results without Checkboxes to Dig Deeper

You may need to make additional selections to get to the most detailed population groups. Click a result with a checkbox adds the filter to your selections. Clicking a result without checkboxes open a new panel that provides more detailed options

Example – To get data for the Navajo population: Topics → Race and Ethnicity → American Indian & Alaska Native → American Indian → Navajo → Navajo Nation tribal grouping alone or in any combination

FILTERS

TOPICS

« RACE AND ETHNICITY

☐ races alone

-02 - All available basic

☐ races alone or in combination

-03 - All available basic race combinations

American Indian and Alaska Native

Asian

Black or African American

Hispanic or Latino

☐ Native Hawaiian and

« AMERICAN INDIAN AND ...

Alaska Native

006 - American Indian and Alaska Native alone (300, A01-Z99)

☐

01A - American Indian and Alaska Native alone (300,A01-R99)

☐

50A - American Indian and Alaska Native alone (300,A01-R99) or in any combination

Alaska Native

American Indian

« AMERICAN INDIAN

Mono

Nanticoke

Nanticoke Lenni-Lenape

Narragansett

Navajo

Nez Perce

Nipmuc

Nomlaki

Northwest Tribes

Omaha

Onondaga Tribe

« NAVAJO

☐ Navajo

-4R - All available Nav tribes

☐

10U - Navajo alone (F F70)

☐

244 - Navajo Nation tr grouping alone (F62-F

☒ 245 - Navajo Nation tr grouping alone or in a combination (F62-F70 (100-299) or (300, A0 or (400-999)

59L - Navajo alone (F

Keep in mind – Population Thresholds

Thresholds for ACS 1-year Selected Population Profiles

- 500,000+ people in your geo of interest
- 65,000+ people in the specific pop subgroup

Process to access data for tables repeated by detailed population groups is the same for different ACS tables, including the ACS 5-year special release of:

- Selected Population Tables
- American Indian/Alaska Native Tables

Many pop groups will be grayed out in the advanced search of data.census.gov until these tables have been migrated

« AMERICAN INDIAN

Pequot

Pima

Piscataway

Pit River

Pomo

Pueblo

Puget Sound Salish

Quapaw

Quinault

Rappahannock

Reno-Sparks

Round Valley

« PIMA

☐ Pima

☐ -5A - All available Pim tribes

☐ 12J - Pima alone (G84, G91)

☐ 12K - Gila River Indian Community of the Gila River Indian Reservation alone (G84)

☐ 12L - Pima alone (G84)

☐ 12M - Salt River Pima Maricopa Indian Community alone (G84)

☐ 252 - Pima tribal group

Looking Ahead

Performance Improvements

- Acquiring additional hardware
- Re-engineering code base
- Improve caching methodology



Search Relevancy Improvements

- Rebuilding Entity Recognition
- Partnering with data providers for featured and curated results
- Working on a proof of concept to handle searching of unstructured content (e.g., webpages, PDF) from census.gov

Explore Census Data

The Census Bureau is the leading source of quality data about the nation's people and economy.

×Search

Plans to Add More Checkboxes to Select All Geos in a List

« TEXAS

☐

All counties in Texas

☐ Anderson County, Texas

☐ Anderson County, Texas -- Rural

☐ Anderson County, Texas -- Urban

☐ Andrews County, Texas

☐ Andrews County, Texas -- Rural

☐ Andrews County, Texas -- Urban

☐ Angelina County, Texas

Pseudo Geo	ETE	PL	Demos
All Divisions (340) within United States (310)	X		
All States (340) within United States and Puerto Rico (320)	X		
All States (340) within United States, Puerto Rico, and the Island Areas (320)	X		
All Counties (350) within United States (310)	X		
All Counties (350) within United States and Puerto Rico (310)	X		
All Counties (350) within State (340)	X		
All Counties (350) fully/partially within Congressional District (500)	X		
All County Subdivisions (360) within State (340)	X		
All County Subdivisions (360) within County (350)	X		
All County Subdivisions (360) fully/partially within Congressional District (500)	X		
All Blocks (300) within County (350)	X		
All Blocks (300) within Census Tract (340)	X		
All Blocks (300) within Place within State (340)	X		
All Census Tracts (340) within United States (310)	X		
All Census Tracts (340) within State (340)	X		
All Census Tracts (340) within County (350)	X		
All Census Tracts (340) fully/partially within Congressional District (500)	X		
All Block Groups (350) within State (340)	X		
All Block Groups (350) within County (350)	X		
All Block Groups (350) fully/partially within Congressional District (500)	X		
All Congressional Districts (116th Congress) (500) within United States (310)	X		
All Congressional Districts (116th Congress) (500) within State (340)	X		
All State Legislative Districts, Upper Chamber (520) within State (340)	X		
All County Subdivisions (or parts) (510) within State Legislative District (Upper) (510)	X		
All Census Tracts (340) within CSA (330)	X		
All Block Groups (350) fully/partially within Metro/Micro Statistical Area (330)	X		
All Block Groups (350) fully/partially within Metro Division within Metro Statistical Area (330)	X		
All Block Groups (350) within CSA (330)	X		
All Places (300) fully/partially within Metro/Micro Statistical Area (330)	X		
All Places (300) fully/partially within Metro Division within Metro Statistical Area (330)	X		
All Places (300) fully/partially within CSA (330)	X		
Alaska Native Areas/Hawaiian Home Lands (250)		X	
Alaska Native Areas/Hawaiian Home Lands (250) (40)		X	
Statistical Areas (330) within United States		X	
Statistical Areas (330) fully/partially within		X	
Statistical Areas (330) within CSA (330)		X	
within United States (310)		X	
within United States (310)		X	
within United States and Puerto Rico (310)		X	
Areas (350) within United States (310)		X	
16th Congress) (500) fully/partially within		X	
16th Congress) (500) fully/partially within (310)		X	
16th Congress) (500) fully/partially within Metro Area (330)		X	
16th Congress) (500) fully/partially within CSA		X	

Customer Driven Requests:

- Ability to cut and paste from table into an Excel
- Download and print an image of the table
- Freeze the first column when scrolling to the right
- Ability to toggle quickly between years

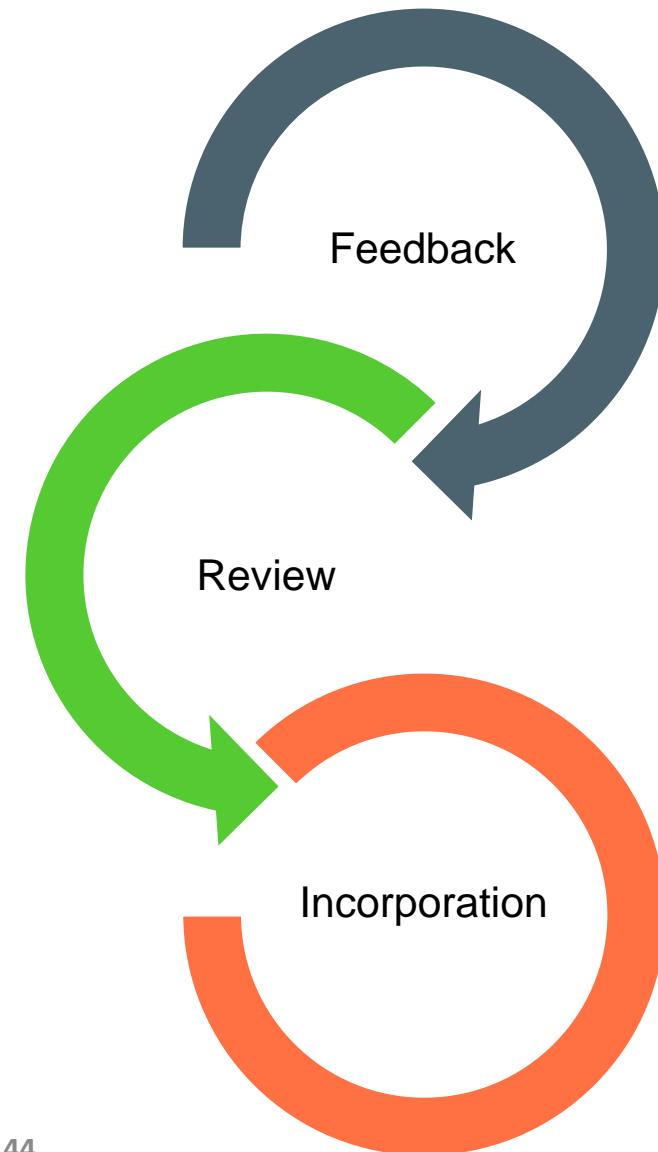
Feedback is KEY to Our Development

40 day development cycles

- Allows for Feedback, Review, Incorporation of Feedback

Feedback collected:

- National Conferences
- State Agencies and Affiliate Meetings
- Webinars and other outreach
- Internal Stakeholders and Data Providers
- cedsci.feedback@census.gov emails
- Usability Sessions

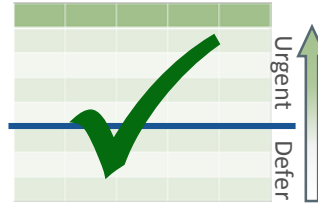




Receive Feedback



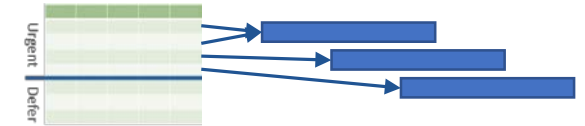
Collect Feedback to see if
Original Concern was Remedied



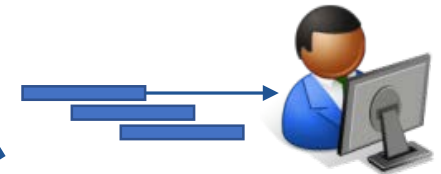
Validate and Prioritize Issues



Discuss Issues with Developers



Distribute Issues to Value Team for
Prioritization and Incorporation in Next PI
or on the Roadmap



Developers Address Issues



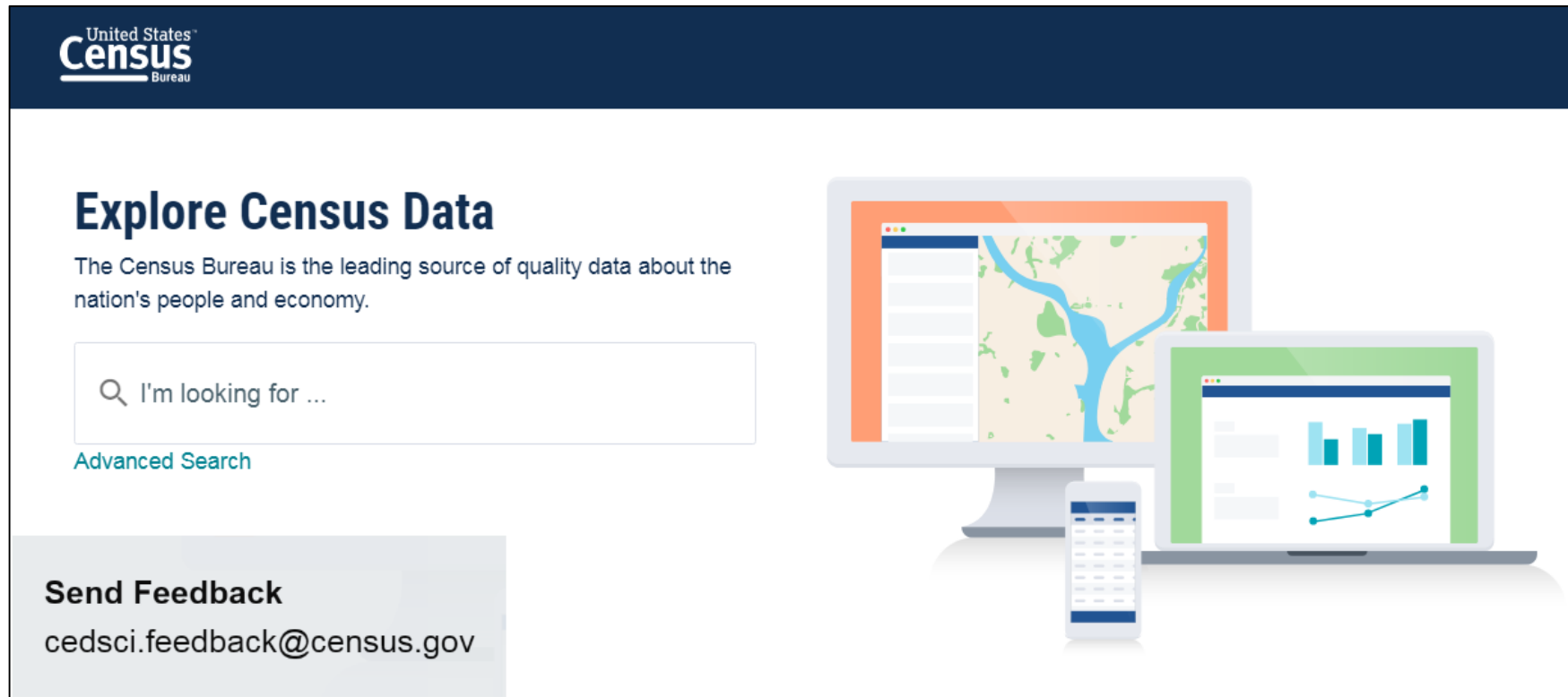
Testing Conducted Internally



Release to the Public

Consolidated Feedback Process

Our Development Depends on **YOUR** Feedback



Check out our preview platform at data.census.gov and provide comments at cedsci.feedback@census.gov.

Questions/Feedback

Media:

Public Information Office

U.S. Census Bureau

pio@census.gov

301-763-3030

Public:

Center for Enterprise Dissemination

U.S. Census Bureau

cedsci.feedback@census.gov

Learn More – New FAQs & Updated Notes

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Includes:

- Answers to common questions
- Chart of available data
- List of features and functionality
- Known Issues

Live in the DC area and want to be part of data.census.gov usability tests?

The Human Factors Research Group at the U.S. Census Bureau conducts usability tests of data.census.gov after each development update. If you are an expert data user, come and help us create a site to meet your data needs!

Where: U.S. Census Bureau Headquarters, Suitland, MD

Length of usability session: 1 hour

Compensation: \$40

Requirement: Previous experience with data manipulation (preferably Census data)

Contact: Kevin Younes

301-763-4979

csm.participate@census.gov

Re: data.census.gov



U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU
census.gov

Upcoming Webinars



Using the Census API with the ACS

June 26 at 2pm

data.census.gov Update

August 2019

Census Academy Series

April-June (58 webinars)

census.gov/data/academy/webinars/upcoming.html

Webinar Evaluation



<https://questionweb.com/59212/>